

Title (en)
PYRROLO-PYRIDINE DERIVATIVE COMPOUND, METHOD FOR PREPARING SAME, AND PHARMACEUTICAL COMPOSITION CONTAINING SAME AS ACTIVE INGREDIENT FOR PREVENTION OR TREATMENT OF PROTEIN KINASE-RELATED DISEASES

Title (de)
PYRROLO-PYRIDIN-DERIVAT-VERBINDUNG, VERFAHREN ZUR HERSTELLUNG UND PHARMAZEUTISCHE ZUSAMMENSETZUNG DAMIT ZUR PRÄVENTION ODER BEHANDLUNG VON PROTEINKINASE-VERWANDTEN KRANKHEITEN

Title (fr)
COMPOSÉ DÉRIVÉ DE PYRROLO-PYRIDINE, SON PROCÉDÉ DE PRÉPARATION ET COMPOSITION PHARMACEUTIQUE LE CONTENANT EN TANT QUE PRINCIPE ACTIF POUR LA PRÉVENTION OU LE TRAITEMENT DE MALADIES ASSOCIÉES À LA PROTÉINE KINASE

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Abstract (en)
The present invention relates to a pyrrolo-pyridine derivative compound, a method for preparing the same, and a pharmaceutical composition containing the same as an active ingredient for the prevention or treatment of protein kinase-related diseases. A compound represented by chemical formula 1, an optical isomer thereof, or a pharmaceutically acceptable salt thereof, according to the present invention, has excellent inhibitory activity against various protein kinases including DYRK1A, and therefore, the pharmaceutical composition containing the same as an active ingredient can be favorably used in the treatment or prevention of protein kinase-related diseases. Particularly, the pharmaceutical composition can be effectively used in the prevention, treatment, or alleviation of Alzheimer's disease, dementia, or Alzheimer's dementia.

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